

POWER COMMANDER 6

Installation Guide for: PC6-15039

Model Coverage: 2016-2017 Harley Davidson Softail

SOFTAIL
POWER COMMANDER 6

PARTS LIST

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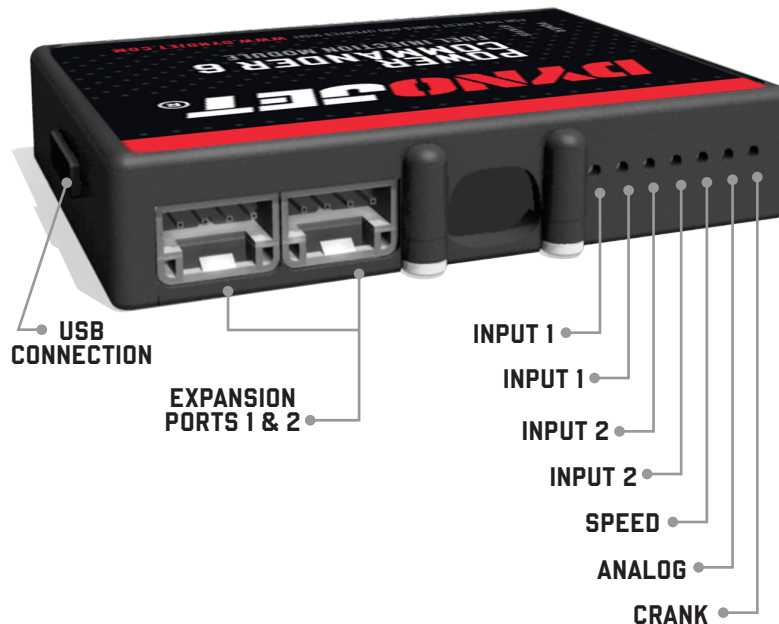
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|----------------------|--------------------------|
| 1 POWER COMMANDER 6 | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS |
| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | 1 EO FRAME LABEL |

**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**

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IPC6-15039.02

INPUT ACCESSORY GUIDE



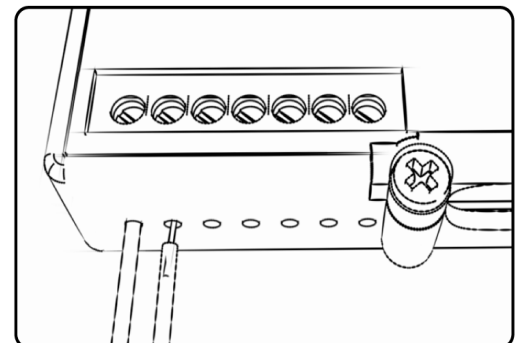
OPTIONAL ACCESSORY INPUTS

- Map** (Input 1 or 2) The PC6 has the ability to hold 2 different base maps. You can switch on the fly between these two base maps when you hook up a switch to the MAP inputs. You can use any open/close type switch. The polarity of the wires is not important.
- Shifter** (Input 1 or 2) Used for clutch-less full throttle upshifts. Insert the wires from the Dynojet quick shifter into either Input 1 or Input 2. The polarity of the wires is not important. Set to Input 2 by default.
- Speed** If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent kill times when using a quick shifter.
- Analog** This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.
- Launch** You can connect a wire to either Input 1 or Input 2 and then the other end to a switch. This switch when engaged (continuity) will only allow the RPM to be raised to a certain limit (set in the software). When released, you will have full RPM.

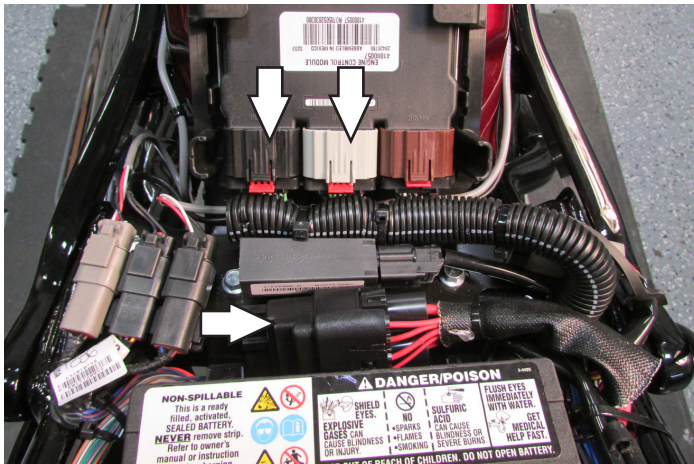
WIRE CONNECTIONS

To input wires into the PC6 first remove the rubber plug on the backside of the unit and loosen the screw for the corresponding input. Using a 22-24 gauge wire, strip about 10mm from its end. Push the wire into the hole of the PC6 until it stops and then tighten the screw. Make sure to reinstall the rubber plug.

NOTE: If you tin the wires with solder it will make inserting them easier.

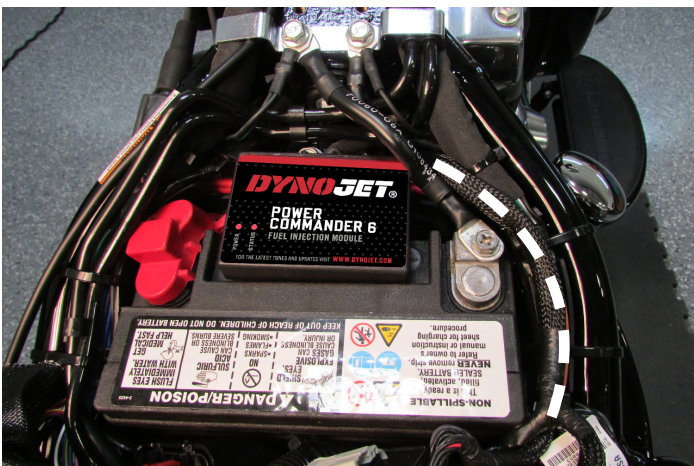


INSTALLING THE POWER COMMANDER 6



- 1 Remove the seat.
- 2 Unplug the GREY and BLACK connector from the ECM.
- 3 Slide the fuse block off of its mounting tab.

Slide to the side to release.



- 4 Route the PC6 harness along the right side of the frame.

For the cleanest install remove the battery ground cable and route the PC6 harness underneath it. If doing so make sure to remove the Positive cable first to prevent arcing.

- 5 Plug the PC6 harness in-line of the stock wiring harness and ECM.

The connectors are keyed so that they cannot be plugged in incorrectly

- 6 Position the set of connectors vertically behind the battery. Move the fuse block from step 3 and position as shown.

- 7 Reinstall the seat

- 8 Affix the supplied CARB E.O label to a conspicuous area. The best location is next to the stock emissions label. Make sure to clean the surface before attaching.



Download the latest map files from our web site at dynojet.com/tunes.



TRUTH IN PERFORMANCE

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